

(No Model.)

3 Sheets—Sheet 1.

E. OUTLAN.
TOOL FOR SPIRAL TURNING.

No. 408,521.

Patented May 21, 1889.

Fig. 1.

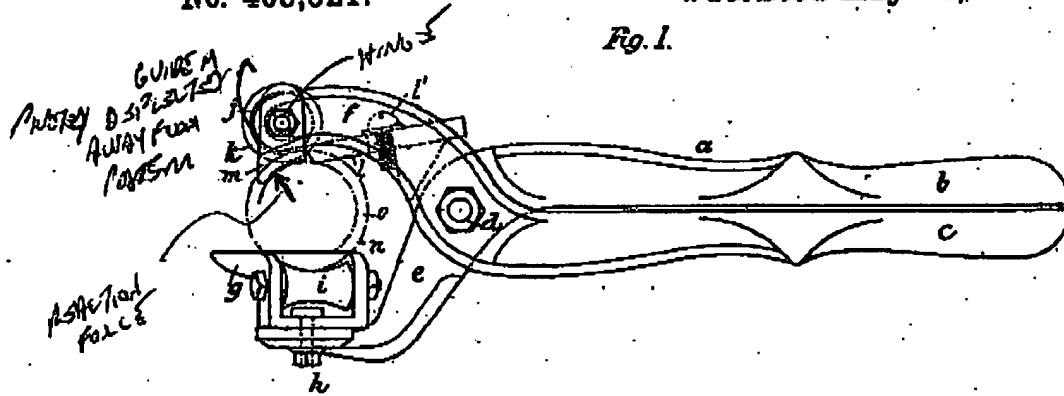
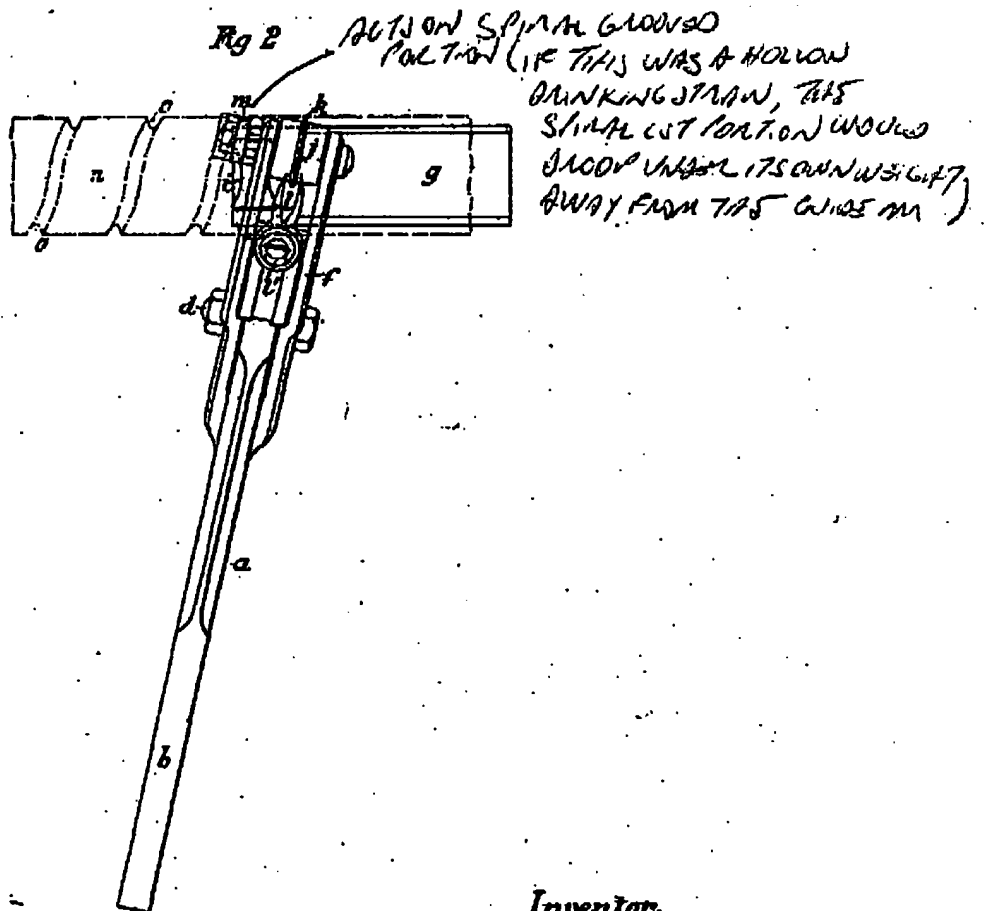


Fig 2



Witnesses:

John D. Bousfield.

Inventor.

Ellis Outlan

H. PERMAN, Proprietor, Washington, D.C.

